**Career Academy Integrated Unit Plan**

**Academy Name: Academy of Design and Manufacturing Technology**  **School: Mainland High School**

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| Integrated Unit Plan Title: Life Influences |
| Courses to integrate: Drafting Design I , English I Block |
| Grade Level: 9th |
| Timeline & Duration: 5 weeks |

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| Unit Summary: Students will research what influences a person’s decision(s) in life (with a focus on products selection). In Drafting Design, the students will reverse engineer one of the inventor’s designs. In English, students will complete readings that have a focus on decision making. Unit 1 in the Edge text book. |

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| **Overview of Activities/Lessons per Course** | | | | |
| Course | Drafting Design | English I |  |  |
| Activity/Lesson | Students will create a questionnaire in order to develop a product. Students will then create a set of drawings based on responses | Read various forms of printed materials that have a focus on an individuals decision making. |  |  |
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**Lesson Instructions for \_\_\_\_\_** Drafting Design **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):**  **Rigor & Relevance (quadrant):** Quadrant B, 21.01, 21.02, 16.03, 16.04, 17.03 |
| **Instructions to Teacher:** Review dimensioning and sketching with students. Make sure students understand due dates. |
| **Instructions to Students:** You should include thumbnail sketches and annotated sketches that demonstrate the architectural style or that illustrate an example of the inventor/designer’s work. Use the sketches to create a complete set of working drawings. |
| **Instructions for Student Accommodations:**  Extra time as needed. Reciprocal teaching. |
| **Assessment for Activity:**  Students’ work and observation**.** |
| **Approximate Length of Time for Activity:**  3 - 4 weeks |
| **Materials Needed:**  Computer with Internet access. AutoCAD, drafting kit, plotter. |
| **Resources Needed:** Access to the Internet. |
| Attachments: Rubric for architectural or mechanical drawings. |

**Lesson Instructions for \_\_\_\_** English I **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):**  **Rigor & Relevance (quadrant):** C (SSS on instructional calendar) |
| **Instructions to Teacher:** pose essential question “what influences a person’s choices?” Pose a think pair share to be used as a spring board to get students thinking about what influences a person’s choices and direct their focus on design. |
| **Instructions to Students:** Complete a research project. The topic you research will be an architectural style, designer, or inventor as assigned. The research will be in MLA or APA format as determined by the instructor. |
| **Instructions for Student Accommodations:** Extra time as needed, sample papers. |
| **Assessment for Activity:** Students’ work, vocabulary assessment, comprehension assessment. |
| **Approximate Length of Time for Activity:** 5 weeks |
| **Materials Needed:** various forms of printed media. |
| **Resources Needed:** |
| Attachments: NA |